

Chapter 13 Genetic Engineering

Section Review 13-3

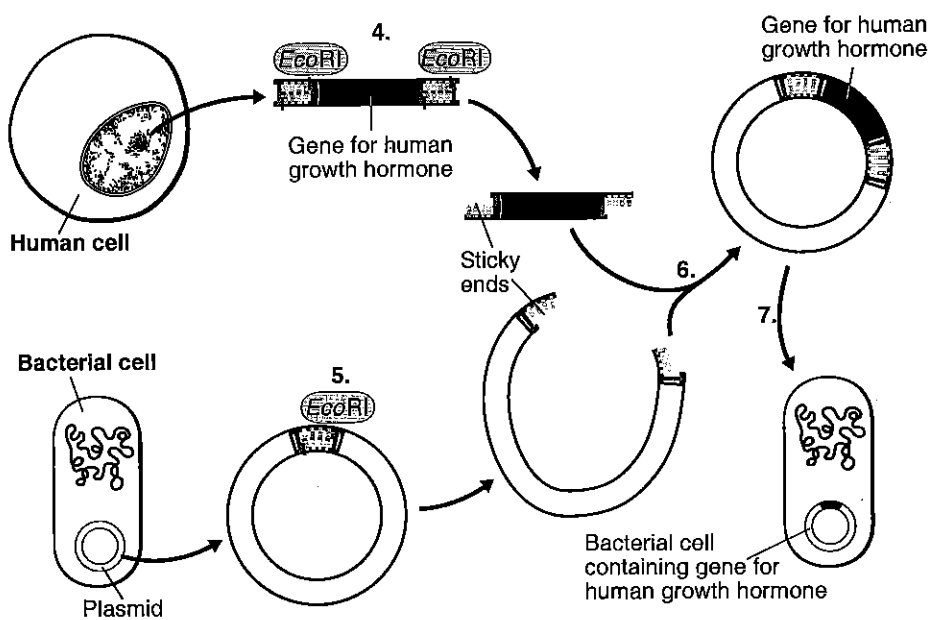
Reviewing Key Concepts

Completion On the lines provided, complete the following sentence using three of the following words: inside, outside, DNA, RNA, replication, transformation.

During _____ 1. _____, a cell takes in DNA from _____ 2. _____

the cell, which then becomes part of the cell's _____ 3. _____.

Identifying Processes On the lines provided, describe the steps in the transformation of bacteria shown here.



4. _____
5. _____
6. _____
7. _____
8. What happens to the recombinant DNA during a successful cell transformation?

Reviewing Key Skills

9. **Applying Concepts** How might a plasmid be used to alter the characteristics of an organism?

